

Seadler, Donna

From: Heather Dodds <heather.dodds@louisvillemisd.org>
Sent: Wednesday, December 17, 2014 8:23 AM
To: Seadler, Donna
Subject: RE: LMSD - September Lee Lane Landfill Semi-Annual Sample Collection - Preliminary Results (for Discussion)

Thank you Donna, we will take care of it.

Heather

From: Seadler, Donna [<mailto:Seadler.Donna@epa.gov>]
Sent: Tuesday, December 16, 2014 3:13 PM
To: Heather Dodds
Subject: RE: LMSD - September Lee Lane Landfill Semi-Annual Sample Collection - Preliminary Results (for Discussion)

Hi Heather –

I have to admit that after looking at this I do find it odd. I sent the information to the human health risk assessor to see what he thought and left him a message but I don't know when he can get to it.

I think your proposal to re-do the 3 highest ambient samples would be the best middle course on this.

Thanks,

Donna K. Seadler
Remedial Project Manager
Superfund Site Evaluation Section
404/562-8870

From: Heather Dodds [<mailto:heather.dodds@louisvillemisd.org>]
Sent: Wednesday, November 26, 2014 12:57 PM
To: Seadler, Donna
Cc: Tony Marconi
Subject: FW: LMSD - September Lee Lane Landfill Semi-Annual Sample Collection - Preliminary Results (for Discussion)

Donna -

I apologize for the delay in getting this information to you after we spoke on the phone, I have been trying to confirm what our consultant is proposing to validate / invalidate this sample set.

See attached spreadsheet and details below. URS is proposing that they resample the three highest ambient locations (U1, U2, and R2) for benzene and toluene to determine if the results are valid. Please advise if this is an acceptable course of action or if we need to do something different. Thanks -

Heather

From: Jongleux, Bob [<mailto:bob.jongleux@urs.com>]

Sent: Monday, November 17, 2014 3:54 PM

To: Heather Dodds

Cc: Jongleux, Bob; Davis, Chris (Louisville)

Subject: LMSD - September Lee Lane Landfill Semi-Annual Sample Collection - Preliminary Results (for Discussion)

Heather - The following QA/QC steps have been undertaken for the LMSD – Lee Lane Landfill project for the September – Semi-annual collection to resolve higher than usual levels of BTX (benzene/ toluene and xylenes) being reported in the field samples and field blank. A preliminary summary (not final) is attached for informational (not to be distributed) purposes.

Red highlights identify samples and analytes of concern in the attached spreadsheet.

- Canisters, Sample Flow Controllers, Sampling canes were all blank checked to <0.20 ppb cleanliness.
- A confirmation analysis was performed on the blank canister, data confirmed
- An analysis was performed on the Helium gas used to pressurize the canisters – Helium was clean at <0.20 ppb.
- Data interoperations was done on the canister samples – there appears not to be a contamination trend
- Vacuum gauge used on the field blank was received in lab and is currently being analyzed.
- During the initial TO15 analysis of the samples lab dups (LDs) were performed for 4 samples, A2, Field Blank, GMW-1, and G4. All results were well within acceptance criteria for LDs (almost all were <10%D).
- Sample U2 was analyzed as a LD for the chloroprene/Bromochloromethane analysis and met acceptance criteria.
- Samples A1, G-3, and G5-R were analyzed as LDs for the TO14A analysis and met acceptance criteria.
- Humid blanks/system blanks were performed daily to confirm cleanliness of the systems (TO14A & TO15) prior to sample analysis.
- Dilutions were performed for compounds exceeding the calibration range, all of which confirmed the original assay.
- Data for the Field Blank was confirmed between TO14A & TO15 analysis. This sample was analyzed multiple times to confirm presence of detected analytes.
- Data was compared to previous set of data from April. The Field Blank from the April data set also contained target analytes that were present at levels higher than in the samples.

We have not been able at this time to identify a source of sample contamination in the laboratory, although this was the initial suspicion.

Please advise if there is a time on Tuesday that you would be available to discuss further.

Regards

Bob

Bob Jongleux

URS Corporation

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